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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/006,290
	Filing Date	October 22, 2001
	First Named Inventor	Jay WOHLGEMUTH, et al.
	Group Art Unit	1645
	Examiner Name	To Be Assigned
Total Number Of Pages In This Submission	15 + 81 REFS	Attorney Docket No. 506612000100

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ENCLOSURES (check all that apply)

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SUPPLEMENTAL Information
Disclosure Statement - 3 pgs IN DUPL☐ CD, Number of CD(s) _____

PTO-1449 - 4 pgs IN DUPL with [81] references attached



Response to Missing Parts/Incomplete Application



Response to Missing Parts under 37 CFR 1.52 or 1.53

SIGNATURE OF APPLICANT, ATTORNEY OR AGENT

Firm or Individual Name	Morrison & Foerster LLP 425 Market Street, San Francisco, CA 94105-2842 Michael R. Ward (Reg. No. 38,651)
Signature	<i>Michael R. Ward</i>
Date	May 14, 2003

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PATENT
Docket No. 506612000100

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

Jay WOHLGEMUTH et al.

Serial No.: 10/006,290

Filing Date: October 22, 2001

For: LEUKOCYTE EXPRESSION
PROFILING

Examiner: To Be Assigned

Group Art Unit: 1645

SUPPLEMENTAL INFORMATION DISCLOSURE
STATEMENT UNDER 37 C.F.R. § 1.97

MAIL STOP: Art Unit 1645
Commissioner for Patents
P.O. BOX 1450
Arlington, VA 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. § 1.97 and § 1.98, Applicants submit for consideration in the above-identified application the documents listed on the attached Form PTO-1449. Copies of the documents are also submitted herewith. The Examiner is requested to make these documents of record.

This Information Disclosure Statement is submitted:

- ☒ **Within three months of the application filing date or before mailing of a first Office Action on the merits; accordingly, no fee or separate requirements are required.**
- ☐ After receipt of a first Office Action on the merits but before mailing of a final Office Action or Notice of Allowance.
 - ☐ A fee is required. A check in the amount of * is enclosed.
 - ☐ A fee is required. Accordingly, a Fee Transmittal form (PTO/SB/17) is attached to this submission in duplicate.
 - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided below; accordingly, no fee is believed to be due.
- ☐ After mailing of a final Office Action or Notice of Allowance, but before payment of the issue fee.
 - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided below and a check in the amount of * is enclosed.
 - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided below and a Fee Transmittal form (PTO/SB/17) is attached to this submission in duplicate.

Applicants would appreciate the Examiner initialing and returning the Form PTO-1449, indicating that the information has been considered and made of record herein.

The information contained in this Supplemental Information Disclosure Statement under 37 C.F.R. § 1.97 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

In the unlikely event that the transmittal letter is separated from this document and the Patent Office determines that an extension and/or other relief is required, applicant petitions for any required relief including extensions of time and authorizes the Assistant Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to **Deposit Account No. 03-1952** referencing **506612000100**. However, the Assistant Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

Dated: May 14, 2003

Respectfully submitted,

By: Michael R. Ward
Michael R. Ward
Registration No. 38,651

Morrison & Foerster LLP
425 Market Street
San Francisco, California 94105-2482
Telephone: (415) 268-6237
Facsimile: (415) 268-7522

Form PTO-1449

Docket Number **506612000100**Application Number **10/006,290**INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

(Use several sheets if necessary)

Applicant

Jay WOHLGEMUTH et al.

Filing Date **October 22, 2001**Group Art Unit **1645**

Mailing Date

May 14, 2003

U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If appropriate
	1.	4/15/1986	4,582,789	Sheldon, III et al.			
	2.	7/28/1987	4,683,195	Mullis et al.			
	3.	7/28/1987	4,683,202	Mullis			
	4.	12/6/1988	4,789,630	Bloch et al.			
	5.	1/24/1989	4,800,159	Mullis et al.			
	6.	12/26/1989	4,889,818	Gelfand et al.			
	7.	8/7/1990	4,946,952	Kiefer			
	8.	10/23/1990	4,965,188	Mullis et al.			
	9.	11/5/1991	5,063,162	Kiefer			
	10.	11/19/1991	5,066,584	Gyllensten et al.			
	11.	12/24/1991	5,075,216	Innis et al.			
	12.	1/7/1992	5,079,352	Gelfand et al.			
	13.	2/25/1992	5,091,310	Innis			
	14.	8/25/1992	5,142,033	Innis			
	15.	5/11/1993	5,210,015	Gelfand et al.			
	16.	6/15/1993	5,219,727	Wang et al.			
	17.	1/11/1994	5,278,043	Bannwarth et al.			
	18.	5/10/1994	5,310,652	Gelfand et al.			
	19.	5/24/1994	5,314,809	Erlich et al.			
	20.	6/21/1994	5,322,770	Gelfand			
	21.	10/4/1994	5,352,600	Gelfand et al.			
	22.	12/20/1994	5,374,553	Gelfand et al.			
	23.	2/14/1995	5,389,512	Sninsky et al.			
	24.	4/11/1995	5,405,774	Abramson et al.			
	25.	4/18/1995	5,407,800	Gelfand et al.			
	26.	5/2/1995	5,411,876	Bloch et al.			

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EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

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(Use several sheets if necessary)

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Mailing Date

May 14, 2003

27.	5/23/1995	5,418,149	Gelfand et al.
28.	5/30/1995	5,420,029	Gelfand et al.
29.	10/3/1995	5,455,170	Abramson et al.
30.	11/14/1995	5,466,591	Abramson et al.
31.	11/21/1995	5,468,613	Erlich et al.
32.	12/19/1995	5,476,774	Wang et al.
33.	1/30/1996	5,487,972	Gelfand et al.
34.	2/13/1996	5,491,063	Fisher et al.
35.	2/13/1996	5,491,086	Gelfand et al.
36.	3/26/1996	5,501,963	Burckhardt
37.	4/30/1996	5,512,462	Cheng
38.	7/23/1996	5,538,848	Livak et al.
39.	10/1/1996	5,561,058	Gelfand et al.
40.	10/15/1996	5,565,339	Bloch et al.
41.	11/5/1996	5,571,673	Picone
42.	11/12/1996	5,573,906	Bannworth et al.
43.	2/18/1997	5,604,099	Erlich et al.
44.	4/8/1997	5,618,703	Gelfand et al.
45.	4/8/1997	5,618,711	Gelfand et al.
46.	4/29/1997	5,624,833	Gelfand et al.
47.	6/24/1997	5,641,864	Gelfand
48.	9/9/1997	5,665,551	Gelfand et al.
49.	10/7/1997	5,674,738	Abramson et al.
50.	10/14/1997	5,677,152	Birch et al.
51.	12/2/1997	5,693,517	Gelfand et al.
52.	6/30/1998	5,773,258	Birch et al.
53.	8/4/1998	5,789,224	Gelfand et al.
54.	8/18/1998	5,795,762	Abramson et al.
55.	9/8/1998	5,804,375	Gelfand et al.
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Applicant

Jay WOHLGEMUTH et al.Filing Date **October 22, 2001**Group Art Unit **1645**

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57.	10/19/1999	5,968,799	Gelfand et al.
58.	11/30/1999	5,994,056	Higuchi
59.	12/14/1999	6,001,611	Will
60.	3/21/2000	6,040,166	Erlich et al.
61.	10/3/2000	6,127,155	Gelfand et al.
62.	1/9/2001	6,171,785 B1	Higuchi
63.	3/6/2001	6,197,563 B1	Erlich et al.
64.	4/10/2001	6,214,979 B1	Gelfand et al.
65.	5/8/2001	6,228,628 B1	Gelfand et al.

FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO	

OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
	66.	Ajjan, R. A. et al. (1996) "Intrathyroidal cytokine gene expression in Hashimoto's thyroiditis" <i>Clin. Exp. Immunol.</i> 105: 523-528.
	67.	Autieri MV, Kelemen S, Thomas BA, Feller ED, Goldman BI, Eisen HJ. (2002) "Allograft inflammatory factor-1 expression correlates with cardiac rejection and development of cardiac allograft vasculopathy" <i>Circulation</i> 106(17):2218-23.
	68.	Baechler, Emily C. et al. (2003) "Interferon-inducible gene expression signature in peripheral blood cells of patients with severe lupus" <i>Proc. Natl. Acad. Sci. USA</i> 100 (5): 2610-2615.
	69.	Bave, U. (2000) "The combination of apoptotic U937 cells and lupus IgG is a potent IFN-alpha inducer" <i>J. Immunol.</i> 165: 3519-3526.
	70.	Bave, U. (2001) "Activation of natural interferon-alpha producing cells by apoptotic U937 cells combined with lupus IgG and its regulation by cytokines" <i>J. Autoimmun.</i> 17: 71-80.
	71.	Creemers P, Brink J, Wainwright H, Moore K, Shephard E, Kahn D. (2002) "Evaluation of peripheral blood CD4 and CD8 lymphocyte subsets, CD69 expression and histologic rejection grade as diagnostic markers for the presence of cardiac allograft rejection" <i>Transpl Immunol.</i> 10(4):285-92.

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| 72. | Doi, S. et al. (1994) "Polymerase chain reaction quantification of cytokine messenger RNA expression in peripheral blood mononuclear cells of patients with acute exacerbations of asthma: effect of glucocorticoid therapy" <i>Clinical and Experimental Allergy</i> 24: 854-867. |
| 73. | Hooks, J.J. (1979) "Immune interferon in the circulation of patients with autoimmune disease" <i>N. Engl. J. Med.</i> 301: 5-8. |
| 74. | Hooks, J.J. et al. (1982) "Multiple interferons in the circulation of patients with systemic lupus erythematosus and vasculitis" <i>Arthritis Rheum.</i> 25: 396-400. |
| 75. | Magnusson, M. et al. (2001) "Importance of CpG dinucleotides in activation of natural IFN-alpha-producing cells by a lupus-related oligodeoxynucleotide" <i>Scand. J. Immunol.</i> 54: 543-550. |
| 76. | Preble, O.T. (1982) "Systemic lupus erythematosus: presence in human serum of an unusual acid-labile leukocyte interferon" <i>Science</i> 216: 429-431. |
| 77. | Schowengerdt et al (2000) "Increased expression of the lymphocyte early activation marker CD69 in peripheral blood correlates with histologic evidence of cardiac allograft rejection." <i>Transplantation</i> 69(10):2102-7 |
| 78. | Shi, S.N. (1987) "Serum interferon in systemic lupus erythematosus" <i>Br. J. Dermatol.</i> 117:155-159. |
| 79. | Toogood, Giles J. et al. (1996) "The Immune Response Following Small Bowel Transplantation" <i>Transplantation</i> 62 (6): 851-855. |
| 80. | Vallin, H. (1999) "Anti-double-stranded DNA antibodies and immunostimulatory plasmid DNA in combination mimic the endogenous IFN-alpha inducer in systemic lupus erythematosus" <i>J. Immunol.</i> 163: 6306-6313. |
| 81. | Vandevyver, Caroline et al. (1998) "Cytokine mRNA Profile of Myelin Basic Protein Reactive T-Cell Clones in Patients with Multiple Sclerosis" <i>Autoimmunity</i> 28: 77-89. |

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